



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	GOTO K ET AL: "Novel shallow junction technology using decaborane (B <sub>10</sub> H <sub>14</sub> )" ELECTRON DEVICES MEETING, 1996., INTERNATIONAL SAN FRANCISCO, CA, USA 8-11 DEC. 1996, NEW YORK, NY, USA, IEEE, US, 8 December 1996 (1996-12-08), pages 435-438, XP010207579 ISBN: 0-7803-3393-4 * pages 435-436 * ----- ✓	1-14	INV. H01J37/08 H01L21/265 H01L21/336 H01L21/8238
Y	GB 1 258 125 A (CESKOSLOVENSKA AKADEMIE VED) 22 December 1971 (1971-12-22) * page 1, lines 74-84 * * page 2, lines 77-88 * ----- ✓	1-14	
Y	ISHIKAWA J ET AL: "Negative-ion implantation technique" NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH, SECTION - B: BEAM INTERACTIONS WITH MATERIALS AND ATOMS, ELSEVIER, AMSTERDAM, NL, vol. 96, no. 1/2, March 1995 (1995-03), pages 7-12, XP004010949 ISSN: 0168-583X * page 7, left-hand column * ----- ✓	5	TECHNICAL FIELDS SEARCHED (IPC) H01L H01J
Y	TAKEUCHI D ET AL: "Shallow junction formation by polyatomic cluster ion implantation" ION IMPLANTATION TECHNOLOGY. PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON AUSTIN, TX, USA 16-21 JUNE 1996, NEW YORK, NY, USA, IEEE, US, 16 June 1996 (1996-06-16), pages 772-775, XP010220650 ISBN: 0-7803-3289-X * page 772 * ----- ✓ -/--	11-14	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 17 January 2008	Examiner Gélébart, Jacques
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 6 013 546 A (GARDNER MARK I [US] ET AL) 11 January 2000 (2000-01-11) * claim 1 *	12	
Y	US 2002/070672 A1 (HORSKY THOMAS N [US]) 13 June 2002 (2002-06-13) * paragraphs [0001], [0013], [0014] *	13,14	
			TECHNICAL FIELDS SEARCHED (IPC)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 17 January 2008	Examiner Gélébart, Jacques
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 76 2087

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-01-2008

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
GB 1258125	A	22-12-1971	DE	1915692 A1	18-12-1969
			JP	49002787 B	22-01-1974
			NL	6904893 A	03-10-1969
US 6013546	A	11-01-2000	WO	9933103 A1	01-07-1999
US 2002070672	A1	13-06-2002	US	2003085663 A1	08-05-2003